

ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention	[ELECTRO-STATIC DISCHARGE PROTECTION CIRCUIT FOR DUAL-POLARITY INPUT/OUTPUT PAD]																																																																																																																														
Submision Type :	Utility Patent Filing																																																																																																																														
Application Number:	10/708171																																																																																																																														
EFS ID:	55459																																																																																																																														
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>2170</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	2170																																																																																																																						
Confirmation Code	Message																																																																																																																														
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																														
ICON1	2170																																																																																																																														
First Named Applicant:	Shin Su																																																																																																																														
Attorney Docket Number:	12681-US-PA																																																																																																																														
Timestamp:	2004-02-12 20:21:42 EDT																																																																																																																														
From:	US																																																																																																																														
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-fee-sheet</td><td>12681-usfees.xml</td><td>1820</td><td>2004-02-12</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2004-02-12</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-02-12</td></tr><tr><td>us-assignment</td><td>12681-usassn.xml</td><td>2498</td><td>2004-02-12</td></tr><tr><td>us-assignment</td><td>us-assignment.xsl</td><td>8983</td><td>2004-02-12</td></tr><tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2004-02-12</td></tr><tr><td>us-assignment</td><td>12681assignment1.tif</td><td>45694</td><td>2004-02-12</td></tr><tr><td>us-assignment</td><td>12681assignment2.tif</td><td>15010</td><td>2004-02-12</td></tr><tr><td>us-request</td><td>12681-usrequ.xml</td><td>4869</td><td>2004-02-12</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-02-12</td></tr><tr><td>us-request</td><td>us-request.xsl</td><td>33300</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>12681-trans.xml</td><td>26502</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>us-application-body.xsl</td><td>83497</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isogr3.ent</td><td>3559</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isomfrk.ent</td><td>4553</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isomopf.ent</td><td>2571</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isomscr.ent</td><td>4628</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isotech.ent</td><td>5268</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isobox.ent</td><td>3568</td><td>2004-02-12</td></tr><tr><td>application-body</td><td>isocyr1.ent</td><td>5345</td><td>2004-02-12</td></tr></tbody></table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-fee-sheet	12681-usfees.xml	1820	2004-02-12	us-fee-sheet	us-fee-sheet.xsl	24912	2004-02-12	us-fee-sheet	us-fee-sheet.dtd	11069	2004-02-12	us-assignment	12681-usassn.xml	2498	2004-02-12	us-assignment	us-assignment.xsl	8983	2004-02-12	us-assignment	us-assignment.dtd	10898	2004-02-12	us-assignment	12681assignment1.tif	45694	2004-02-12	us-assignment	12681assignment2.tif	15010	2004-02-12	us-request	12681-usrequ.xml	4869	2004-02-12	us-request	us-request.dtd	19064	2004-02-12	us-request	us-request.xsl	33300	2004-02-12	application-body	12681-trans.xml	26502	2004-02-12	application-body	us-application-body.xsl	83497	2004-02-12	application-body	application-body.dtd	49498	2004-02-12	application-body	wipo.ent	4956	2004-02-12	application-body	mathml2.dtd	54588	2004-02-12	application-body	mathml2-qname-1.mod	13225	2004-02-12	application-body	isoamsa.ent	5191	2004-02-12	application-body	isoamsb.ent	3988	2004-02-12	application-body	isoamsc.ent	1460	2004-02-12	application-body	isoamsn.ent	5620	2004-02-12	application-body	isoamso.ent	1934	2004-02-12	application-body	isoamsr.ent	7073	2004-02-12	application-body	isogr3.ent	3559	2004-02-12	application-body	isomfrk.ent	4553	2004-02-12	application-body	isomopf.ent	2571	2004-02-12	application-body	isomscr.ent	4628	2004-02-12	application-body	isotech.ent	5268	2004-02-12	application-body	isobox.ent	3568	2004-02-12	application-body	isocyr1.ent	5345	2004-02-12
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																												
us-fee-sheet	12681-usfees.xml	1820	2004-02-12																																																																																																																												
us-fee-sheet	us-fee-sheet.xsl	24912	2004-02-12																																																																																																																												
us-fee-sheet	us-fee-sheet.dtd	11069	2004-02-12																																																																																																																												
us-assignment	12681-usassn.xml	2498	2004-02-12																																																																																																																												
us-assignment	us-assignment.xsl	8983	2004-02-12																																																																																																																												
us-assignment	us-assignment.dtd	10898	2004-02-12																																																																																																																												
us-assignment	12681assignment1.tif	45694	2004-02-12																																																																																																																												
us-assignment	12681assignment2.tif	15010	2004-02-12																																																																																																																												
us-request	12681-usrequ.xml	4869	2004-02-12																																																																																																																												
us-request	us-request.dtd	19064	2004-02-12																																																																																																																												
us-request	us-request.xsl	33300	2004-02-12																																																																																																																												
application-body	12681-trans.xml	26502	2004-02-12																																																																																																																												
application-body	us-application-body.xsl	83497	2004-02-12																																																																																																																												
application-body	application-body.dtd	49498	2004-02-12																																																																																																																												
application-body	wipo.ent	4956	2004-02-12																																																																																																																												
application-body	mathml2.dtd	54588	2004-02-12																																																																																																																												
application-body	mathml2-qname-1.mod	13225	2004-02-12																																																																																																																												
application-body	isoamsa.ent	5191	2004-02-12																																																																																																																												
application-body	isoamsb.ent	3988	2004-02-12																																																																																																																												
application-body	isoamsc.ent	1460	2004-02-12																																																																																																																												
application-body	isoamsn.ent	5620	2004-02-12																																																																																																																												
application-body	isoamso.ent	1934	2004-02-12																																																																																																																												
application-body	isoamsr.ent	7073	2004-02-12																																																																																																																												
application-body	isogr3.ent	3559	2004-02-12																																																																																																																												
application-body	isomfrk.ent	4553	2004-02-12																																																																																																																												
application-body	isomopf.ent	2571	2004-02-12																																																																																																																												
application-body	isomscr.ent	4628	2004-02-12																																																																																																																												
application-body	isotech.ent	5268	2004-02-12																																																																																																																												
application-body	isobox.ent	3568	2004-02-12																																																																																																																												
application-body	isocyr1.ent	5345	2004-02-12																																																																																																																												

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	lsocyr2.ent	2504	2004-02-12
application-body	lsodia.ent	1508	2004-02-12
application-body	isolat1.ent	5282	2004-02-12
application-body	isolat2.ent	9007	2004-02-12
application-body	isonum.ent	5913	2004-02-12
application-body	isopub.ent	6621	2004-02-12
application-body	mmlextra.ent	7901	2004-02-12
application-body	mmlalias.ent	38209	2004-02-12
application-body	soextblk.dtd	12870	2004-02-12
application-body	12681us0001.tif	2822	2004-02-12
application-body	12681us0002.tif	12028	2004-02-12
application-body	12681us0003.tif	2718	2004-02-12
us-declaration	12681declaration1.tif	41912	2004-02-12
us-declaration	12681declaration2.tif	34994	2004-02-12
package-data	12681-pkda.xml	9031	2004-02-12
package-data	package-data.dtd	27025	2004-02-12
package-data	us-package-data.xsl	19263	2004-02-12
Total files size			704749

Message Digest:

d19eeb5690dfbd1b6ed1d3c0cd6a2edcbbeb50fb

Digital Certificate Holder
Name:

cn=Belinda Lee,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US